

Remarks

Claims 1-2, 4-19, and 21-24 are pending and have been rejected. Claims 1, 2, 10, 11, 19, and 24 have been amended. Reconsideration of all pending claims herein is respectfully requested.

Claims 1, 2, 4, 5, 10, 11, and 14 were rejected under 35 U.S.C. 102(e) as being anticipated by Rye et al. ("Rye"). Claims 6, 7, and 16-18 were rejected under 35 U.S.C. 103(a) as being unpatentable over Rye in view of Ogasawara. Claims 8, 9, 12-13, 15, and 19-24 were rejected under 35 U.S.C. 103(a) as being unpatentable over Rye and Ogasawara in view of Bellman, Jr. et al. ("Bellman").

As amended, claim 1 recites:

A system for switching between a plurality of video cameras without a multiplexing device such that a video signal from only one of the plurality of video cameras is output at any given time, the system comprising:

a camera controller for controlling the plurality of video cameras;

a plurality of physically-separate, addressable power switches, wherein each addressable power switch is coupled to and controls power applied to a corresponding video camera, wherein each addressable power switch comprises a different wireless receiver for receiving a control signal to either supply or switch off power to the corresponding video camera;

an output device capable of receiving a video signal from any of the plurality of video cameras and configured to output the video signal received; and

a switch controller controlled by the camera controller for addressing the plurality of addressable power switches, wherein the switch controller comprises a wireless transmitter for transmitting the control signals to the addressable power switches such that power is applied to only a single selected video camera.

These claimed features facilitate switching between a plurality of video cameras without a multiplexing device and without a wired network to control the

power switches, allowing for unlimited expansion of the number of cameras, enhanced flexibility of camera placement, and support for cameras operating from a DC source (battery).

Although Rye discloses a single wireless transceiver 24, he uses a wired network (i.e., 120V AC wiring) to distribute control signals to individual switches 18 via the X10 protocol. As a result, adding a new camera to Rye's system may require a costly retrofit to provide AC wiring and a power outlet to a new location. Such may often be the case outdoors or in other locations in which security monitoring is desirable.

By contrast, in the claimed system, each addressable power switch includes a different wireless receiver to receive control signals for supplying or switching off power to the respective cameras. Multiple wireless switches maximize flexibility as to where the cameras may be placed. Moreover, one or more cameras may operate from a DC source, as recited in new claim 26, which is not possible in Rye's system, since his control signals are broadcast through the AC power grid.

The addition of Ogasawara and Bellman does not cure the deficiencies of Rye. Neither reference, alone or in combination, discloses different wireless receivers for each of a plurality of addressable power switches. For instance, Ogasawara merely discloses an Internet shopping system using a set top box, while Bellman discloses a "tethered remote" surveillance system. Neither reference, however, discloses a wireless video multiplexing system.

Accordingly, the applicant respectfully submits that claim 1, as amended, is patentably distinct over the cited references. Claims 11, 19, and 24 have been

amended to include similar limitations and are likewise patentably distinct for at least the same reasons.

Claim 2 has been amended to recite that "at least one addressable power switch is embedded within a corresponding video camera." Including an addressable power switch and wireless receiver within every video camera further increases the flexibility of camera placement. Cameras may be placed in any desired location, without having to be physically attached to external power switches, control cables, or AC power lines, as in Rye. The applicant respectfully submits, therefore, that claim 2 is patentably distinct over the cited references.

In view of the foregoing amendments and remarks, the applicant respectfully submits that all claims are in condition for allowance. A Notice of Allowance is respectfully solicited.

Respectfully submitted,

Paul G. Allen et al.

By



Kory D. Christensen
Registration No. 43,548

STOEL RIVES LLP
One Utah Center Suite 1100
201 S. Main Street
Salt Lake City, UT 84111-4904
Telephone: (801) 328-3131
Facsimile: (801) 578-6999
Attorney Docket No. 50588-175